



National Weather Service

Storm Data and Unusual Weather Phenomena



July 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
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MINNESOTA, Northeast

Crow Wing County Pequot Lakes	01	1515CST			0	0		Hail (0.75)
Crow Wing County Cross Lake	01	1530CST			0	0		Hail (1.00)
Crow Wing County Cross Lake	01	1555CST			0	0		Hail (0.75)
Itasca County 1 E Ball Club	01	1635CST			0	0		Thunderstorm Wind (G52)
A business sign and 5-inch diameter trees were blown down.								
Cass County Whipholt	01	1705CST			0	0		Hail (1.00)
Itasca County Pokegama Lake	01	1707CST			0	0		Thunderstorm Wind (G52)
Crow Wing County Pequot Lakes	06	1100CST 1700CST			0	0		Flash Flood

The basement wall of a Pequot Lakes restaurant collapsed after the area received 5 inches of rain in just over an hour. Four days later, the weakened basement wall of another restaurant collapsed. Some streets in Pequot Lakes had up to a foot of standing water.

St. Louis County Duluth	06	1100CST 1700CST			0	0	300K	Flash Flood
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Heavy thunderstorm rains caused the closure of several highways in the Duluth area, including State Highway 61, 11 miles northeast of Duluth, which was covered with 8 inches of water. The Northshore Scenic Railroad tracks just northeast of Duluth were washed out. Other city streets, county roads, and rural driveways suffered washouts, and the city of Duluth experienced sewer overflows. A total of 2.33 inches of rain fell at Duluth International Airport, setting a new record for the date.

Cass County Pillager	11	1725CST			0	0		Hail (0.75)
Crow Wing County Brainerd	11	1740CST			0	0		Hail (1.75)
Itasca County Grand Rapids	11	1805CST			0	0		Hail (0.75)
Crow Wing County Crosby	11	1810CST			0	0		Hail (0.75)
St. Louis County Hibbing	11	1815CST			0	0		Hail (2.50)
Itasca County Grand Rapids	11	1820CST			0	0		Thunderstorm Wind (G52)
Tree branches up to 2 inches in diameter were broken off.								
St. Louis County Cherry	11	1830CST			0	0		Hail (1.75)
Crow Wing County Swanburg	11	1838CST			0	0		Hail (1.75)
Crow Wing County Cross Lake	11	1943CST			0	0		Thunderstorm Wind (G50)

Trees and power lines were blown down. Wind speed is estimated.



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MINNESOTA, Northeast

Pine County Pine City	11	2315CST			0	0			Hail (0.75)
Itasca County Squaw Lake	14	1255CST			0	0			Hail (1.25)
Cass County Leech Lake	14	1403CST			0	0			Hail (1.75)
Crow Wing County Cross Lake	21	1540CST			0	0			Hail (0.75)
Itasca County Grand Rapids	21	1610CST			0	0			Hail (0.88)
Carlton County Cromwell	21	1745CST			0	0			Hail (1.00)
St. Louis County Side Lake	21	1800CST			0	0			Thunderstorm Wind (G52)
Strong thunderstorm winds blew down a 100 year old tree, a local landmark. The uprooted tree landed on top of a nearby restaurant, causing considerable damage to the roof and south wall. No one inside the building was injured.									
Cass County 3 E Motley to Motley	21	1915CST			0	0			Hail (0.75)
Crow Wing County Brainerd	21	1930CST			0	0			Thunderstorm Wind (G78)
Crow Wing County Brainerd	21	1946CST			0	0			Thunderstorm Wind (G50)
Several trees were blown down. Wind speed is estimated.									
St. Louis County Saginaw	21	2013CST			0	0			Thunderstorm Wind (G50)
St. Louis County Duluth	21	2048CST			0	0			Thunderstorm Wind (G52)
St. Louis County Duluth	21	2230CST			0	1			Lightning
A lightning bolt entered a woman's bedroom, traveled through the mattress and spring she was sleeping on, then leaped into an electrical outlet. The 19 year old woman was not seriously injured, but she was left temporarily deaf in one ear and with a slightly irregular heartbeat. The lightning bolt also started a fire in the bed and ignited insulation in the attic of the home. The fires were quickly extinguished.									

WISCONSIN, Northwest

Sawyer County Hayward	18	0220CST 0600CST			0	0			Flash Flood
Thunderstorms repeatedly formed and moved across northern Sawyer County in a "train effect", producing rainfall rates up to 2 inches per hour, as estimated by doppler radar. Sawyer County law enforcement officials reported State Highway 27 and U.S. Highway 63 were closed due to high water up to the headlights of cars.									
Douglas County Superior	21	2040CST			0	0			Thunderstorm Wind (G53)